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Attorney Docket No. 3000.193
Confirmation No. 5764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Travelute *et al.*
Serial No. 10/813,893
Filed: March 31, 2004
For: LOW DENSITY LIGHT WEIGHT
FILAMENT AND FIBER

Group Art Unit 1771

July 22, 2004

Commissioner for Patents
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. § 1.97

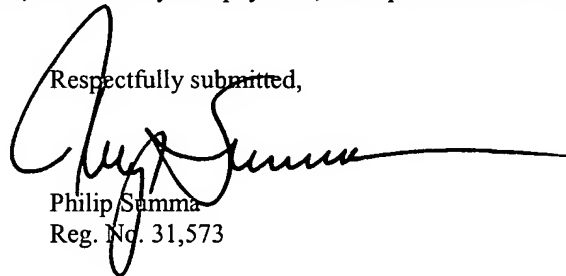
Sir:

Attached is an information disclosure statement by applicants citing 30 patent documents and one non-patent documents. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and MPEP § 609.

Applicants are providing copies of citation numbers 19-20 (EP and JP publications) and citation numbers 31 (*i.e.*, the non-patent document.) However, Applicants are not providing copies of the cited U.S. patents as the U.S. Patent Office has waived the requirement under 37 CFR 1.98 (a) (2) (i) for submitting copies of cited U.S. Patents for all national patent applications filed after June 30, 2003. We will provide copies of these patents upon request.

Applicants are filing this information disclosure statement before the mailing of a first Office action on the merits. Accordingly, it is submitted that no fee is required for this submission. The Commissioner is, however, authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account No. 50-0332.

Respectfully submitted,

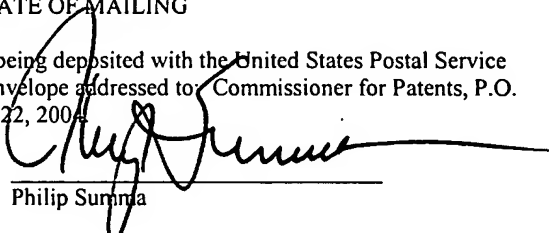


Philip Summa
Reg. No. 31,573

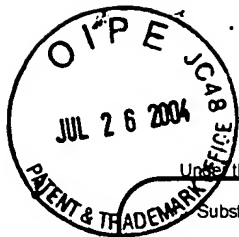
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 22, 2004.



Philip Summa



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

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|------------------------|------------|
| Application Number | 10/813,893 |
| Filing Date | 03/31/2004 |
| First Named Inventor | Travelute |
| Art Unit | 1771 |
| Examiner Name | |
| Attorney Docket Number | 3000.193 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | 1 | US- 3,275,720 | 09-27-1966 | Ohsol | |
| | 2 | US- 3,424,645 | 01-28-1969 | Ohsol | |
| | 3 | US- 4,164,603 | 08-14-1979 | Siggel et al. | |
| | 4 | US- 4,278,769 | 07-14-1981 | Gebauer et al. | |
| | 5 | US- 4,380,594 | 04-19-1983 | Siggel et al. | |
| | 6 | US- 4,473,665 | 09-25-1984 | Martini-Vvedensky et al. | |
| | 7 | US- 4,503,005 | 03-05-1985 | Ueno et al. | |
| | 8 | US- 4,544,594 | 10-01-1985 | Li et al. | |
| | 9 | US- 4,562,022 | 12-31-1985 | Li et al. | |
| | 10 | US- 4,626,390 | 12-02-1986 | Li et al. | |
| | 11 | US- 4,753,762 | 06-28-1988 | Li et al. | |
| | 12 | US- 4,865,786 | 09-12-1989 | Shibukawa et al. | |
| | 13 | US- 5,124,098 | 06-23-1992 | Vischer | |
| | 14 | US- 5,158,986 | 10-27-1992 | Cha et al. | |
| | 15 | US- 5,160,674 | 11-03-1992 | Colton et al. | |
| | 16 | US- 5,171,308 | 12-15-1992 | Gallagher et al. | |
| | 17 | US- 5,334,356 | 08-02-1994 | Baldwin et al. | |
| | 18 | US- 5,407,625 | 04-18-1995 | Travelute et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | 19 | EP0707935 abstract | 04-24-1996 | BASF AG(DE) | | |
| | 20 | JP7252724 abstract | 10-03-1995 | Teijin Ltd | | |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 3

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|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | 21 | US- 5,866,053 | 02-02-1999 | Park et al. | |
| | 22 | US- 6,005,013 | 02-21-1999 | Sulh et al. | |
| | 23 | US- 6,007,911 | 12-28-1999 | Bowen, Jr. | |
| | 24 | US- 6,051,174 | 04-18-2000 | Park et al. | |
| | 25 | US- 6,221,486 B1 | 04-24-2001 | Soane et al. | |
| | 26 | US- 6,391,934 B1 | 05-21-2002 | Handa et al. | |
| | 27 | US- 6,403,663 B1 | 06-11-2002 | DeSimone et al. | |
| | 28 | US- 6,458,304 B1 | 10-01-2002 | Shin et al. | |
| | 29 | US- 2002/0177649 A1 | 11-28-2002 | Shin et al. | |
| | 30 | US- Re37,932 E | 12-10-2002 | Baldwin et al. | |
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| Art Unit | 1771 |
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Examiner Name

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| <i>Attorney Docket Number</i> | 3000.193 |
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NON PATENT LITERATURE DOCUMENTS

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